

UNIT I: Attempt all the Questions:

- a) What is meant by Reliability?
- b) What is data?
- c) What is the result if the Data is processed?
- d) What are attributes?
- e) What is a relation?
- f) What is a tuple?
- g) What are the functions of Data Dictionary?
- h) What is the application of "Substr()"?

UNIT II: Attempt all the Questions:

- Q1) Write down the main characteristics of DBMS.
- Q2) What is meant by
 - (i) Generalisation
 - (ii) Unique Key
 - (iii) Domain
- Q3) What is meant by normalization and what are its applications?
- Q4) Differentiate b/w
 - a. "Like" & "Not" Operators
 - b. "Rhad" & "Rtrns" functions
 - c. "Length" & "Substr" functions
 - d. "Round" & "Trunc" functions

UNIT III: Attempt any two questions

- Q1) A college student Registration Office maintains data about the following entities:

Class Rooms Courses Students Instructors Labs

Construct an E-R diagram for the Reg. Office making necessary assumptions.

- Q2) What are the rules for a Database to be in First, Third & Fifth Normal Form?

- Q3: a) What are Cursors & what are their applications?

b) Explain COUNT(), SUM(), AVG(), etc.